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Docket No.: G0083-703919

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David B. Cist  
Serial No: 10/681,543  
Confirmation No: 7289  
Filed: October 8, 2003  
For: A SYSTEM AND METHODS FOR OBTAINING  
GROUND CONDUCTIVITY INFORMATION USING GPR  
DATA

Examiner: Gregory, Bernarr E.  
Art Unit: 3662

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 13<sup>th</sup> day of December, 2004.

Denise M. Donahue  
Denise M. Donahue

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed September 13, 2004, please amend the above-identified application as follows. Changes to the Claims are shown by strike through (for deleted matter) and underlining (for added matter).

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 10 of this paper.